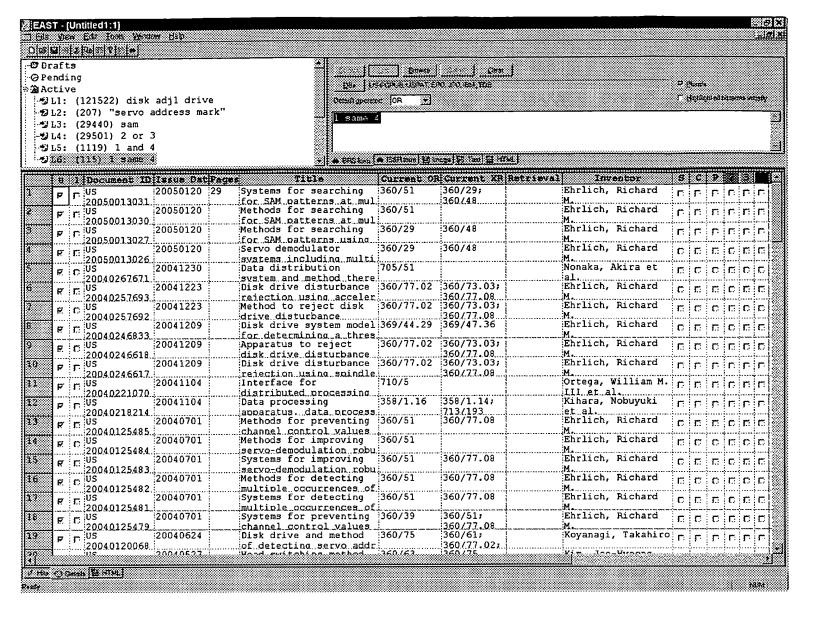


raf ts				Current XR Retrieval	Inventor	s c		38886	
F F US 676	er ID lesus Dat 5748 :20040720	Pages Title Method of interleaving	360/77.04	360/53;	Shu; Andrew B.	r r		*****	بننن
ai : 129		servo information field		360/77.05;		1111	1		<u>' :</u> į
ச ட US 675	4025 20040622	Disk drive spindle	360/73.03	360/51;	Shepherd: Stanley	n n	n	n ii	r: İ
B1		motor speed and timing	: 260 /52	360/77.08	H. et al.	·		٠	••••
p r US 675	4019 20040622	System and method for implementing a rotary m	360/53	360/31; 360/49;	Tokizono, Akira et	ГГ	r	T H	r
B2	8205 20040518	Self-writing of servo	360/17	360/75	al. Moran; Patrick et	ГГ	_		- 1
		patterns in disk drives			al.	. 1 - 1 -			
ຫຼື ເປS 657	4611 20030603	Information processing	705/57	380/30;	:Matsuyama; Shinako	ត្រ	l o	mie	n i
SI : : 12.1	:	apparatus and method. i	1260446	713/187:	et al.	<u> </u>	<u> </u>	·····	••••
F F US 653	2122 20030311	Data storage apparatus.	300/40	360/40; 360/65	Sugawara; Takao et	CC	<u> </u>	C H	F:
P. C US 651	9104 20030211	Computer system	360/51	360/46;	Cloke; Robert L.	r c		F .	_
SI : (12.1		comprising a host conne	•	360777.08	et al.	i			<u></u> ;
US 651	5813 20030204	Method for controlling	360/51	360/73.03;	Kitazaki: Nobuyuki	c r	m	o li	r: !
a		servo information detec		360/75:	et al. Cloke; Robert L.	· 	·····	···· ÷··	
g C US 648	7032 20021126	Computer system comprising a host conne	360/51	360/46; 360/65;	et al.	n c	C	LE H	C
	0375 20021022	System and method for	718/105		Whitner: Richard	сг			_
a : : : : : : : : : : : : : : : : : : :	;	managing the execution			B. et al.	1.1	1		
₽ F. US 644	2730 20020827	Recording medium	714/795	369/47.27;	Schachner; Joseph	n n	T:	П	r: İ
1 : 121	•	failure analysis appara	: 260 / E 1	714/794	M. et al. Cloke: Robert		ļ		
F F. US 644	1981 20020827	Disk drive including a recording surface emplo	360/51	360/48; 360/77.08	Leslie et al.	пг	L	T	r
US 641	1452 20020625	Disk drive employing	360/51	360/77.08	Cloke; Robert	n n	-		
d : 121	i	read error tolerant syn	<u>.</u>	<u> </u>	Leslie	; 1 / j 1.)	. 1 :		
₩ C US 638	1072 20020430	Lenslet array systems	359/622	359/621	Burger; Robert J.	E C	: c :	E	c
M ' (122)		and methods	360/51	360/46;	Cloke; Robert L.		·		
F E US 627	8568 20010821	Disk drive employing read channel IC with co	, ,	360/77.08	et al.	c c	. r.:	C i	r:
3 110 626	2857 20010717		360/51	360/46;	Hull; Richard	пс		٠. ٦	_
01 : :1R1	!	recording surface emolo		360/48:	William et al.	1.1 C			
թ r US 617	8056 20010123	Disk drive employing	360/46	360/51;	Cloke: Robert	០ភ	m	C	r: i
લ : ૧૦૦૧	:	state variable trap red	718/105	360/65	Leslie et al. Whitner; Richard		. .		
₽ C US 614	8323 20001114	System and method for managing the execution	(19/102		B. et al.	in to	C	E is	C
F C US 612	4974 20000926	Lenslet array systems	359/621	!	Burger: Robert J.	o o	<u></u>	F	<u> </u>
1.: A	į	and methods	<u> </u>			1 1 11	ļ.:.		
p r US 612	2131 20000919	Adaptively-controlled	360/77.02	360/313;	Jeppson; David B.	ГГ	T:	r i	-
31 : 7A	:	disk drive assembly	382/233	360/77.08 375/228;	van den Branden;			·	
F r US 601	1000 20000104	Bitstream quality analyzer	302/233	382/235	Christian J. et al	r r	L	T	Г
p r US 597	3844 19991026	Lenslet array systems	359/622	359/621	Burger: Robert J.	rг	-	C	-
31 : X	L .	and methods			<u> </u>		.i		
E C US 547	7103 19951219	Sequence, timing and	318/601	318/560;	Romano; Paul M. et	គេគ	C	E	r
.α	:	synchronization technic	360/51	318/603; 360/49;	al. Fisher: Kevin D.		÷		
F F US 538	4011 13320174	PRML sampled data	,	360/77.08:	TISHEL, KEVIH D.	c c	. F.	\mathbf{c}	Γ.



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**	10 2	Document ID	Issue Dat	Pages Title	Current OR	Current XR Retrieval	Inventor	6 0	Ð		31
ा	b L	US	20040527		360/63	360/75	Kim, Jae-Hyeong	пг	: F	F	г
҈.	: "	20040100713		and system using track						·	
▩	P T	US	20031120	Method for improving	710/22	į	Zilberman, Eugene	្រ	: [F:	r	Г:
#		20030217202	20030619	performance of a flash- Method of interleaving	360/48	360/77.04;	et al. Shu, Andrew B.	·		†	
×	F L	20030112539		servo information field		360,77.08		L L	1	11:	Г
	P I	US	20030306	Data processing	705/51	380/282;	Nonaka, Akira et	ГГ		Г	-
▓.		:200 3004 KZ 38	<u>.</u>	apparatus, data process	: (705/59;	al			ļ;	
▓	E C	US	20030213	Circuit and method for	360/46	360/78.04	Ozdemir, Hakan	in c	: Ec	r.	n.
₩.		ていわついいつ いんりてん		detecting the phase of		260777 00	: !!!				, .
8		US	20030206		360/29	360/77.08	Heydari, Fereidoon	មួយគ្ន	: ; F:	C	Г.
		20030026016 US	20021017	demodulating a servo po	375/340		et al. Leis, Michael D.			ا	
	ir.	20020150179	,	of wide bi-phase coded	:, .,		et al.	r. c	C	10	C
X.	ह ा	US	20021003	Robust servo	360/77.08		Ellis, Timothy	c n		-	-
	R 1.:	20020141105		demodulation filtering	<u>.</u>		Francis				
8		US	20020926	Method and apparatus	360/51	360/62	Yun, Jong Yun et	E 0	: c	П	c i
░.		20020135915		for generating the opti		<u> </u>	al:		<u></u>	 	
		US	20020606	Position sensing system	360/53	360/48;	Belser, Karl	0.0	: j r.:	C	n:
4		20020067563	20020530	for a disc drive using	711/151	360/77.08; 711/105;	Arnold Henson, James A.				•
	PF	20020065994	20020330	requests for access to		711/112	et al.	i L	: : г	Γ.	П
a	b L	US	20020523	Magnetic hard disk	360/48	360/72.1	Hamaquchi,	r r			
₫.		20020060871		drive			Takehiko et al	1111			1
a i	Pr:	US	20020411	RECORDING MEDIUM	714/795	į	SCHACHNER, JOSEPH	n n	· -	Г	г
4		20020042900		FAILURE ANALYSIS APPARA			M. et al.				
8	E C	US	20020110		360/53	360/31;	Tokizono, Akira et	n c	0	r:	D.
#		20020003676	20010913	implementing a rotary m Method for controlling		360/75; 360/77.08	al. Kitazaki, Nobuyuki				
23	E L:			servo information detec		300,77.00	et al.	្តែក	: [C	f.:
			20041123	Magnetic hard disk	360/48	360/75;	Hamaquchi;	F -			
	M L	B2		drive		360/77.08	Takehiko et al.	r c		1	
Øľ	e r	B2 US 6798594	20040928	Position sensing system	360/53	324/210;	Belser; Karl	o n	· r	'n	r
4		B2		for a disc drive using			Arnold			ļļ	
4	e c	us 6765748	20040720	Method of interleaving		360/53;	Shu: Andrew B.	. n. o	i lo	П	0
4		B2 6760920	20040706	servo information field Method of arbitrating		360/77.05:	Henson; James A.			<u> </u>	
4	E L	US 6760820 B2	20040706	requests for access to		710/240; 710/264;	et al.	0 0		Г	T.
1		US 6760172	20040706	Magnetic disk drive		360/77.08;	Hamaquchi:	7		1-1	
1		R1		i i		360/78.14	Takehiko et al.	rr	1)	11.	1
1	p n	us 6754025	20040622	Disk drive spindle		360/51;	Shepherd; Stanley	r r		F-	r
₫.		R1		motor speed and timing		360/77.08	H. et al.			ļi	
	P r	US 6754019	20040622			360/31;	Tokizono; Akira et	n n	r.	r	r
4		R2	20040510	implementing a rotary m		360/49;	al.	- .		ļ	
	R. €	US 6738205	20040518		360/17	360/75	Moran; Patrick et	E E	(C	i E	r.
a.		US 6724553	20040420	patterns in disk drives. Method and apparatus	360/51	360/31	al. Yun; Jong Yun et	1_1_			
3 I		B2		for generating the opti	,		al.	C D	: [7]	P:	1 .
#	p 6	บร์ 6721820	20040413			710/23;	Zilberman; Eugene				

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≋5 X 遷EAST - [Untitled1:1] Tels yew Edit Ioos Viction Hap - | * CONTROL * CONTROL | PROCES | PROCES -M.Drafts U 1 Document ID Issue Dat Pages S C P 3 Title Current OR Current XR Retrieval Inventor Baker; Bill et al. Self-writing of servo 360/75 45 US 6704156 20040309 FFFF patterns in a disk driv System for distributing 709/201 B1 US 6691149 Yokota; Teppei et 707/10; 46 20040210 n n n n n E. music data files betwee 707/104.1 al. Ellis: Timothy 360/77.08 US 6678110 20040113 47 Robust servo r r r r r p г demodulation filtering 360.730:.. Francis Tuttle; Tyson et B2 F L US 6646822 360/46 48 20031111 Sampled amplitude read 360/51; n n n n n n D US 6590728 channel employing pipel Hard disk having 360/65; 360/77.08; al. Yang; Min-Kwan 49 360/48 20030708 r.: 00000 ₽. 360.78.14.. extended data region :B1 r. US 6574611 50 705/57 20030603 Information processing 380/30; Matsuyama; Shinako 0 0 0 0 0 0 713/187; 360/46; et al. Cloke; Robert L. apparatus and method. i B1 c US 6519104 360/51 51 20030211 Computer system c c n c c ₽. Γ.: comprising a host conne. Method for controlling 360/77.08. 360/73.03; et.al. B1 US 6515813 20030204 360/51 Kitazaki; Nobuyuki 5.2 c c c c c Γ.: Ġ. B2 C US 6487032 servo information detec 360/75;... 360/46; et al. Cloke; Robert L. 20021126 360/51 53 Computer system 00000 ₽. 360/65: В1 comprising a host conne et al. Leis: Michael D. 54 US 6452990 20020917 375/361 Synchronous detection 360/27: 0 0 0 0 0 0 Ŗ B1 US 6442730 of wide bi-phase coded 369/43; 369/47.27; et al. Schachner; Joseph 714/795 20020827 55 Recording medium n n n n n B1 US 6441981 failure analysis appara Disk drive including a 714/794.... M. et al. Cloke: Robert 20020827 360/51 56 ø nic c nicio recording surface emplo 360/77.08 360/77.08 B1 Leslie et al. r US 6411452 360/51 57 20020625 Disk drive employing Cloke; Robert þ 0 0 0 0 0 read error tolerant syn Self-writing of servo Leslie Baker; Bill et al. 58 360/17 US 6304407 20011016 360/75 E C Γ. 00000 B1 r: US 6297926 patterns based on print 59 20011002 Ahn; Young-Sub Device and method for 360/77.04 Ę, e e e e e e B1 C US 6297925 compensating for interh Method for eliminating 360/75 60 20011002 Lee; Jae-sung 360/53; ₽. 360/63 360/46; widdle of magnetic head B1 r US 6278568 Cloke; Robert L. 20010821 61 360/51 Disk drive employing o in n o nin F B1 C US 6271989 read channel IC with co 360/77.08 et al. Tannert; Hans K. 62 20010807 Method for inserting a 360/99.06 a c c a c c removable disk cartrido Disk drive including a 360/51 B1 US 6262857 20010717 360/46; Hull: Richard 63 ₽. 360/48; 360/256.3; recording surface emplo William et al. Kim; Gwan-Il r US 6222696 20010424 360/75 64 r n n n n controlling method and 360/78.07 360/51; Cloke; Robert r us 6178056 20010123 360/46 65 Disk drive employing F n r r r r 360/65 360/77.08 state variable trap red Leslie et al Bang; Ho-Yul B1 360/75 66 F US 6172836 20010109 Method and apparatus nnnnn for writing the serve of Servo control method 67 R C US 6128154 360/78.06; 360/77.08 Bang; Ho-Yul 20001003 00000 M A S122131 for a high capacity har 360778.08; 68 20000919 360/77.02 Adaptively-controlled 360/313; Jeppson: David B. c c c c c c ... A US 6118607 disk drive assembly... Method for and 360/77.08 360/46 360/53 20000912 Jung; K⊌ang-Jo sisisisis инэ орнав № нтм.

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For embodying high capa:
341/96 n | c | c | c | c 360/48: 360/51 r US 5982308 19991109 Bang; Ho-Yul 79 Technique for compensation for missin System for transferring 710/315 Д р г US 5974496 Miller; Steven M. 709/250; 19991026 88 n n n n n n diverse data objects be 710/36: 360/67 F US 5966258 19991012 Asynchronous/synchronou 360/46 Bliss: William G. 81 n n n n n n A US 5963387 s digital gain control. 19991005 360/49 360/48; Son; Ok-Hyun 82 Method for forming and e e e e e e Þ processing data address Technique for 360/53 360/77.08; ₩ C US 5926333 360/51 Bang; Ho-Yul 19990720 83 n c c n c c generating sector pulse Synchronous detection 713/500 360/29; F r. US 5862005 Leis; Michael D. 84 19990119 360/27 0 0 0 0 0 of wide bi-phase coded. Servo address mark 360/42.. et al. c us 5825568 Lee: Kwang-Heui 85 19981020 360/51 ₽. detection compensating F L US 5822162 360/133 Tannert; Hans K. 19981013 86 Removable cartridge c n n c n n ... A C US 5798883 360/53; Kim; Hack-Bin 87 19980825 a ciciaio a management of a magneti 360/75: 369/124.07 r US 5796690 19980818 369/47.18 Kanno: Naotaka 88 Disc controller with Ø improved data sync and Data track pattern F US 5796543 360/77.08 360/48 Ton-That; Luan 89 19980818 госсь includino embedded serv p us 5796535 360/51 Tuttle; Tyson et 19980818 360/61 90 Sampled amplitude read n n n n n channel employing a use ₽ J US 5793559 Shepherd; Stanley 19980811 360/78.09 360/77.04 93 In drive correction of ninininin A US 5771131 servo pattern errors Tracking in hard disk H. et al. Pirzadeh; Sean 92 19980623 360/77.08 360/75 n c c n c c A US 5706265 drive using magnetoresi 19980106 369/47.48 360/73.03 Bang: Ho-Yul 93 Spindle motor driving us 5661760 control circuit of disk Wide biphase digital 19970826 375/341 360/48; Patapoutian; Ara ririciricir ØH9 ⊘Gelela 🛂 HTML

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H 1 Document ID	Issus Dat Pac	jes Title	Current OF	Current XR	Retrieval Inventor	S C P		31
	19980623	Tracking in hard disk	360/77.08	360/75	Pirzadeh; Sean	nnn	Tr.	гг
A US 5706265	19980106	drive_using_magnetoresi. Spindle motor driving	369/47.48	360/73.03	Bang; Ho-Yul			÷
31 : IX	19300100	control circuit of disk	503747.40	13007.3.03	Dang, no rar		17	t: L
F C US 5661760	19970826	Wide biphase digital	375/341	360/48;	Patapoutian: Ara	n n n	r r	n r
A US 5587850	19961224	servo_information_detec Data_track_pattern	360/77.08	360/77.08; 360/77.06	et al. Ton-that; Luan	rrr		
A]	including embedded serv		1		1 - 1 : 1 : 1 :		1: 1
អ c US 5586306	19961217	Integrated circuit	711/112	360/77.08;	Romano; Paul M. e	[‡] គ គ គ គ	r i	េា
P F US 5576906	19961119	servo system control fo. Synchronous detection	360/77.08	360/78.04: 360/46;	al. Fisher, Kevin D.	ссс		
A		of concurrent servo bur		360/51	et al.			1.: 0
្ត n US 5553086	19960903	Multiple servo sector	714/798	360/69;	Sompel; Mark A. e	t n n n	г.	C
R I US 5544135	19960806	sets write with self-ve. Fault tolerant servo	369/30.12	360/75 360/46	al. Akin, Jr.; Willia	m c r r	c	i.
XI	.i	address_mark_for_disk_d	<u> </u>		R. et al.			
ළ c US 5535072	19960709	Removable cartridge	360/99.06	360/99.02;	Witt; William F.	E 6 6	г.	C I
E C US 5517631	19960514	disk drive with cartrid Miniature disk drive	711/111	360/77.02;	Machado; Michael	0 0 0		
Δ		having embedded sector		360/77.08;	G. et al.			
₽ F US 5477103	19951219	Sequence, timing and synchronization techniq	318/601	318/560; 318/603;	Romano; Paul M. e	r u u	רו	r: I
F C US 5420730	19950530	Servo data recovery		360/51;	Moon; Ronald R. e	trrr	. r	C 1
∞ 1		circuit for disk drive		360/78.14	al.			
р г. US 5398141	19950314	Removable cartridge disk drive with a 2.5 i	360/133		Tannert; Hans K.	0 0 0	. r	T:
ਲ c US 5384671	19950124	PRML sampled data	360/51	360/49;	Fisher; Kevin D.	r c c		CI
×1 . Δ	7.0041100	channel synchronous ser	327/94	360.77.08:	Nubmer Townsh			.
a la la	19941108	Weighted average servo burst peak detector for	321/94	327/58; 327/91;	Aubry; Laurent	o n n	C	r: (
₩ C US 5317464	19940531	Removable cartridge	360/99.08		Witt; William F.	E C C		C
Δ	10021116	disk drive with cartrid			et al.			· -
Δ	19931116	Removable cartridge with a 2.5 inch form fa	360/133	İ	Tannert; Hans K.		C	r: H
E C US 5255136	19931019	High capacity	360/77.02	360/77.05;	Machado; Michael	псс	г	C
A	19930420	Removable cartridge		360/77.08 360/133;	G. et al. Plonczak; Garold			
×1 : Δ	13330420	disk drive with an inte		360/254.7;	FIGHCZAK, GALOIG	000	C	17 1
p r US 5170299	19921208	Edge servo for disk	360/77.08	360/51;	Moon; Ronald R.	ггг	r	r: 1
	19990211	drive head positioner METHOD AND APPARATUS	: (360/78.04;	ZAHARRIS, DANIEL	R	+	
XI 201	;	FOR INCREASING THE SAMP.		İ	,	K L L L	15:	17 1
p p DE 19736255	19980416	Gray-code decoder			BANG, HO-YUL	n n n	r	r i
# C WO 9300676	19930107	compensation circuit SERVO ADDRESS MARK FOR		-	RICE, MARK S et			
⊠ : ≀ ∆ 2		EMBEDDED SERVO DISK DRI			al.	6 6 6	10.1	U
EP 517478	19921209	Servo data recovery			MOON, RONALD R et	0 5 5	C	r: t
A2	<u> </u>	circuit for disk drive		:	ial.			